

# **San Jacinto River Waste Pits Superfund Site**



**Temporary Cap Construction Completed July 2011**

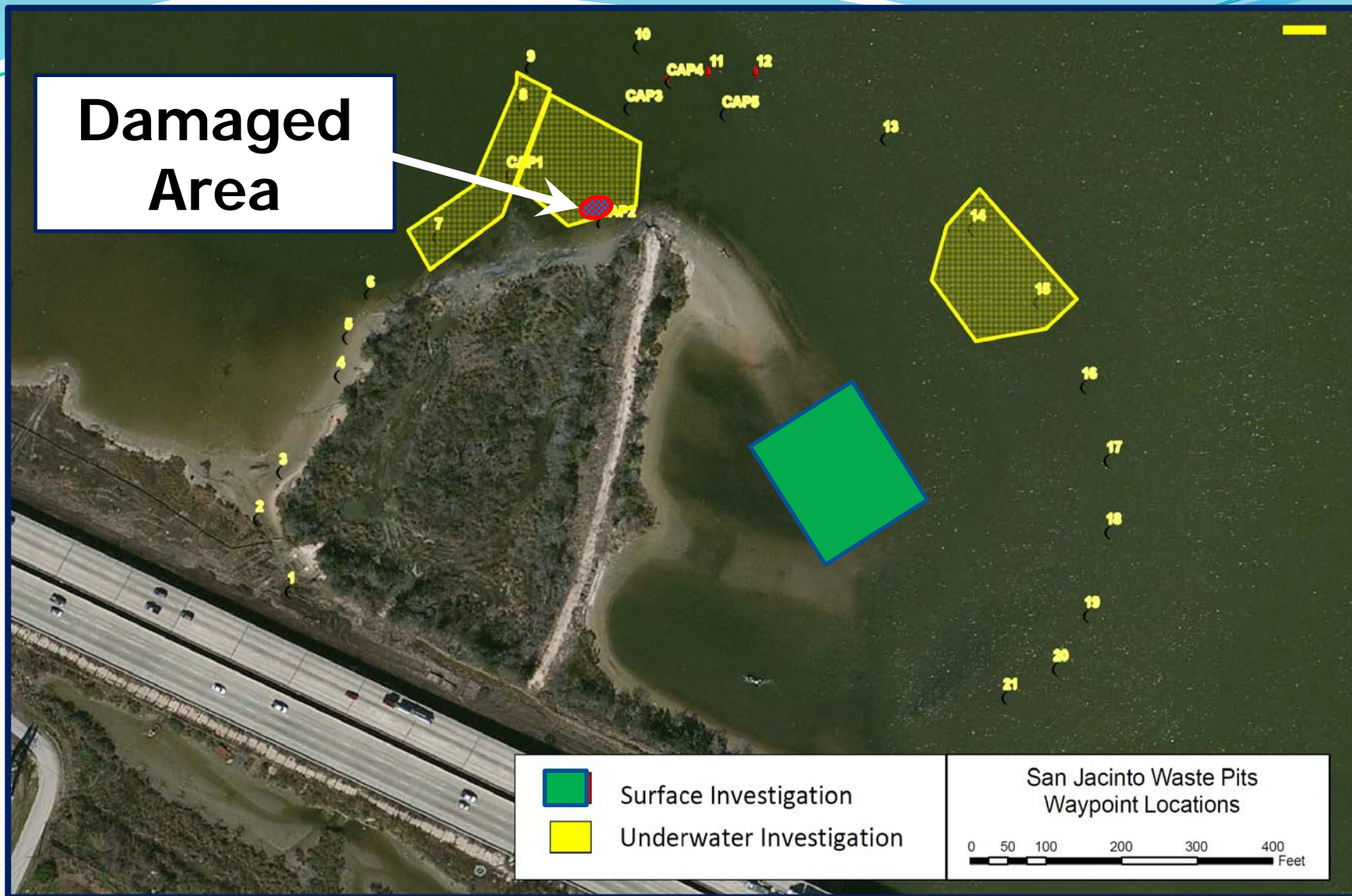
# Overview of Damaged Area

- Prior to repair paper mill waste containing dioxin was exposed to environment.
- Cause of damage unknown & under investigation.
- Cap repairs completed Jan 4.
- Site is securely fenced & access prohibited.
- Quality assured data confirmed surrounding cap areas remain protected.



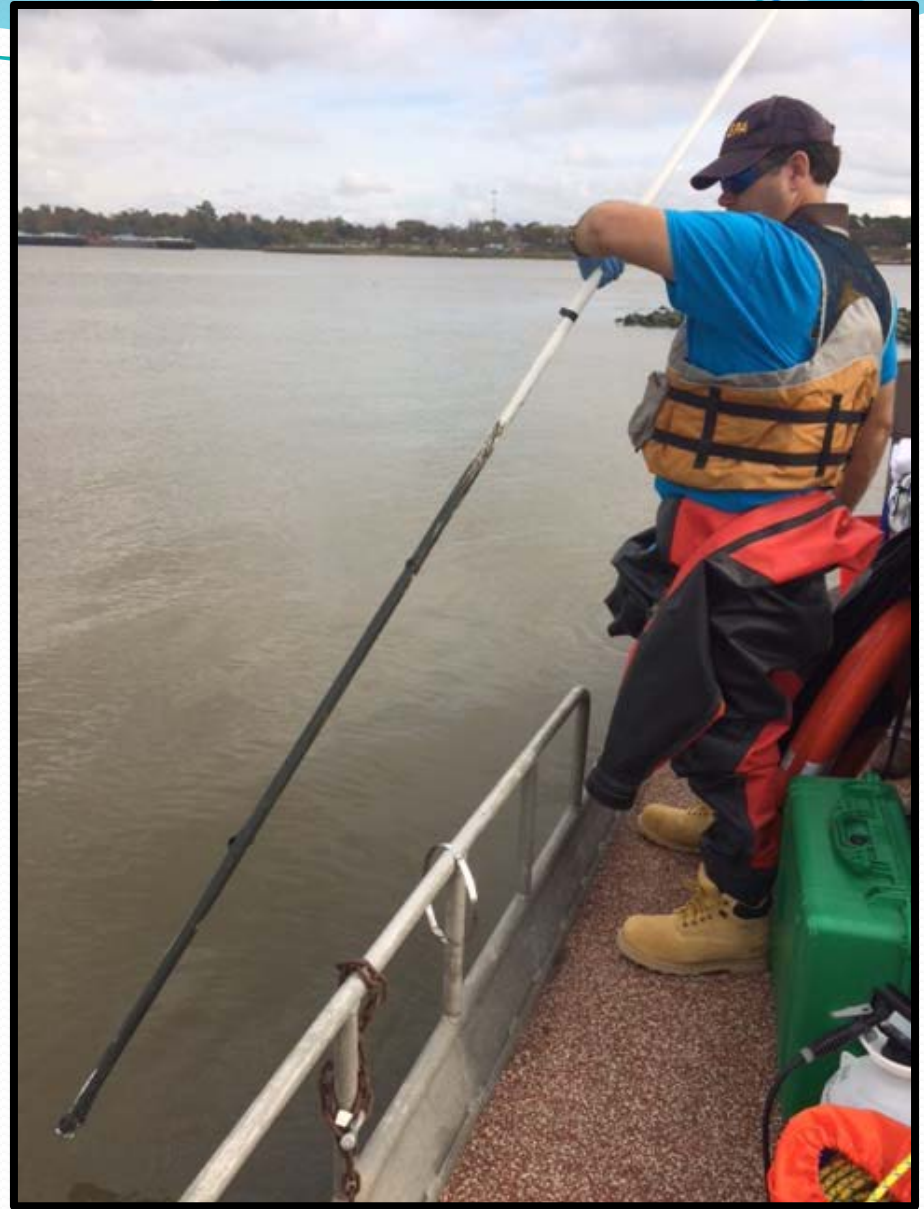


**EPA Dive Team inspection - Dec 2015**



**Areas investigated by EPA Dive Team**

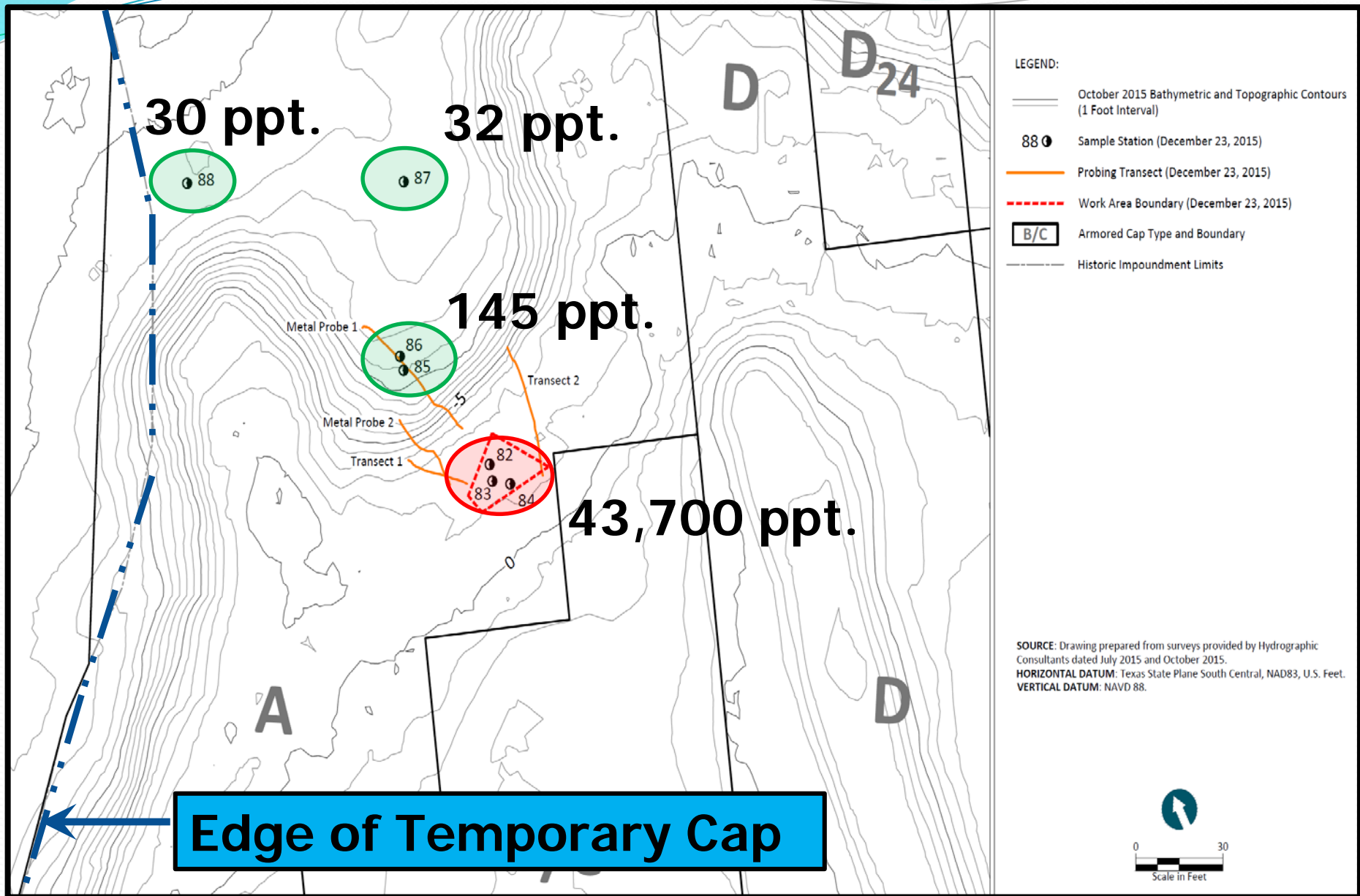




**Dive Team inspection Results**



**Probing to define damaged rock area**







**Shallow sample from damaged cap.**





**Placing geotextile over damaged area**



**Placing rock over geotextile in damaged area**





**Repair completed at low tide - Jan 2016**



**Next**



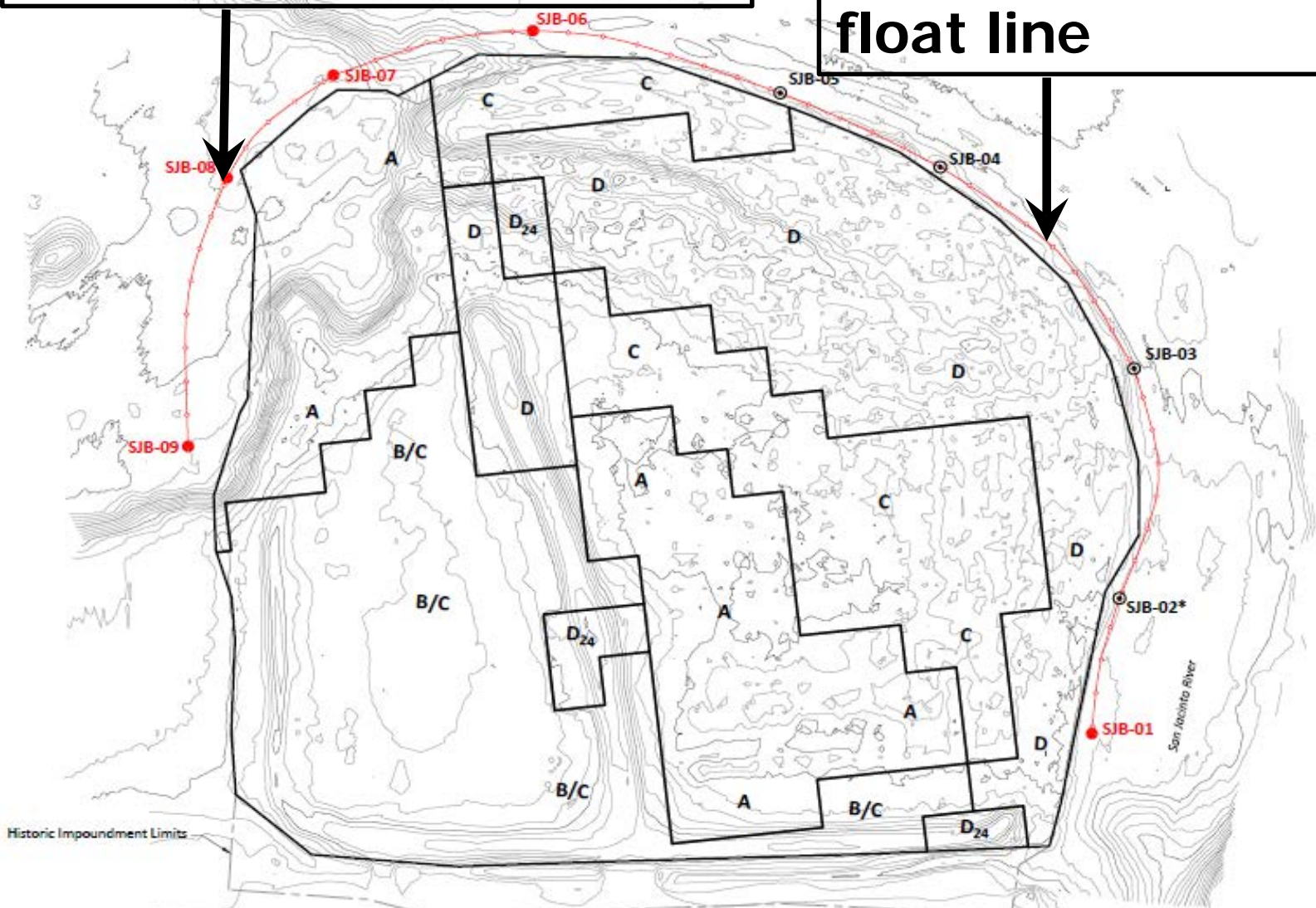
# New Safety Requirements

- Add 24/7 surveillance.
- Add warning buoys.
- Enhanced inspections & double frequency.



**Proposed buoy locations**

**Proposed barrier float line**



**Draft Site Buoy Enhancements Plan**

# **EPA Requiring Additional Sampling:**

- Armor cap sampling.
- Sediment sampling
- Surface water sampling
- Ground water sampling.

# **U.S. Army Corps of Engineers Assistance Will:**

- Further investigate cause of damaged area.
- Recommend additional inspection requirements (by end of April).
- Recommend actions to prevent future occurrences (by end of April).

EPA Will direct PRPs to perform additional actions based on Corps findings.



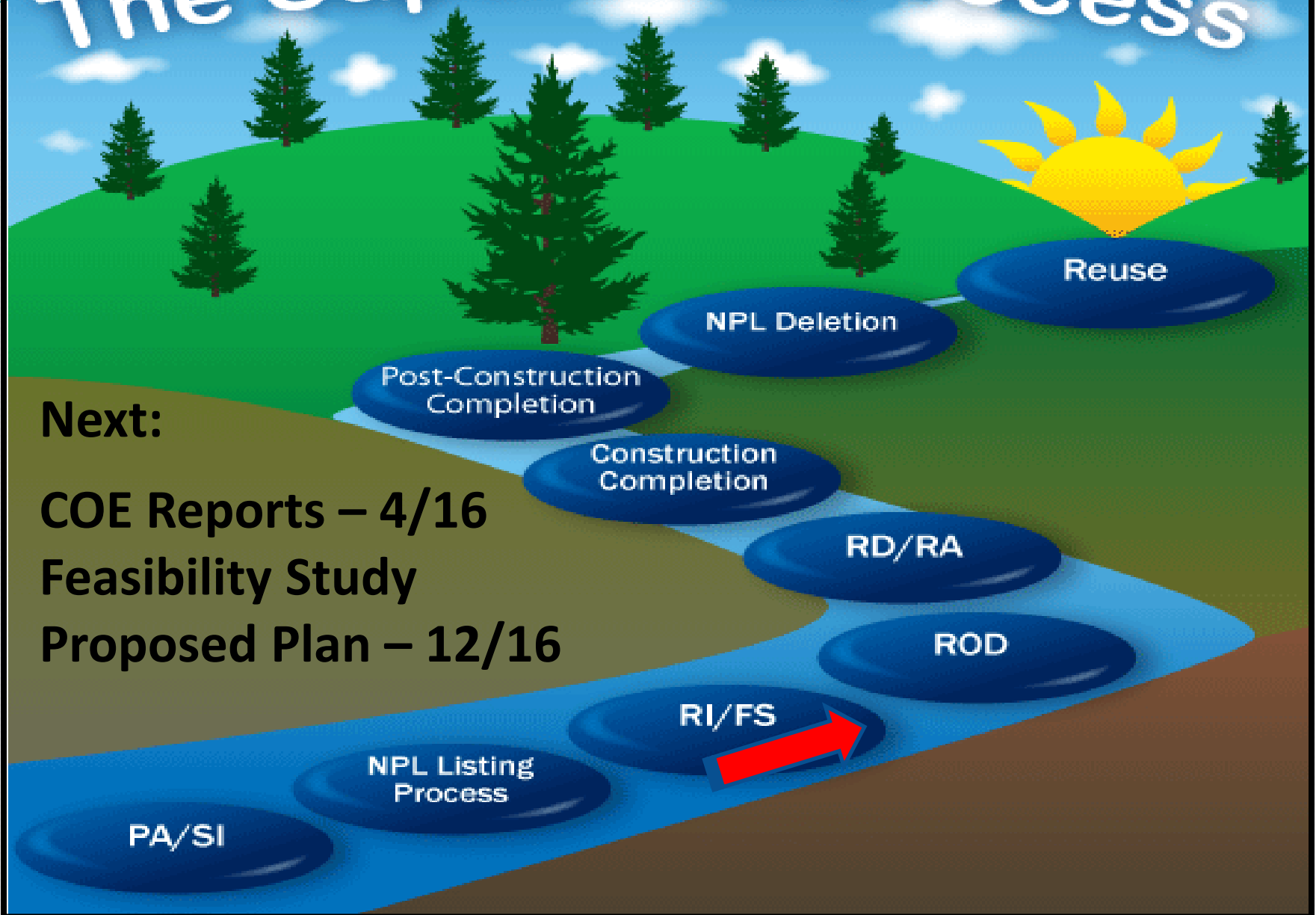
# The Superfund Process

**Next:**

**COE Reports – 4/16**

**Feasibility Study**

**Proposed Plan – 12/16**



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## For More Information:

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### **Site Repository:**

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### Texas Commission on Environmental Quality

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